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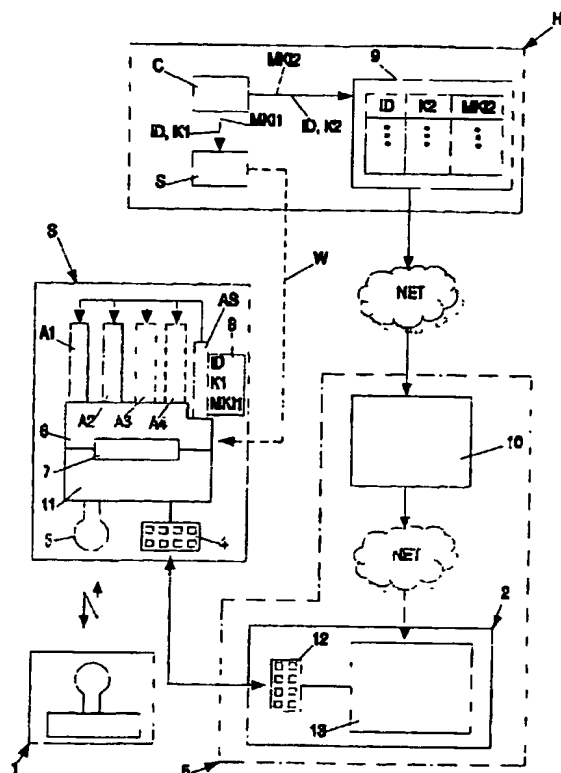
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(54) Title: METHOD TO GRANT MODIFICATION RIGHTS FOR A SMART CARD



(57) Abstract: A Modification device (5) is designed to modify an application (A1, A2, A3, A4) run by a data carrier (S), wherein a first key information item (K1) is stored in the data carrier (S) and an associated second key information item (K2) is stored in the modification device.

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# INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 G07F7/10

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)  
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## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 317 832 B1 (MILLER STUART JAMES ET AL) 13 November 2001 (2001-11-13)	1-6,
Y	column 2, line 40 - column 10, line 4	10-17
Y	US 2002/040438 A1 (FISHER DAVID LANDIS) 4 April 2002 (2002-04-04)	7-9
A	paragraph '0031! - paragraph '0035!	7-9
X	EP 1 004 992 A (VISA INT SERVICE ASS) 31 May 2000 (2000-05-31)	1
A	paragraph '0014! - paragraph '0072!	2-17
A	US 6 385 723 B1 (RICHARDS TIMOTHY PHILIP) 7 May 2002 (2002-05-07)	1-17
	column 5, line 46 - column 8, line 28; figures 9,11	
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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- \*G\* document member of the same patent family

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## INTERNATIONAL SEARCH REPORT

International Application No

PCT/IB2004/050358

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2002/089890 A1 (KARGL WALTER ET AL) 11 July 2002 (2002-07-11) paragraph '0017! - paragraph '0074!; figures 2,3 -----	1-4,6, 10-16
A	EP 0 935 214 A (PHILIPS PATENTVERWALTUNG ; KONINKL PHILIPS ELECTRONICS NV (NL)) 11 August 1999 (1999-08-11) cited in the application the whole document -----	10-17

## INTERNATIONAL SEARCH REPORT

International Application No  
PCT/IB2004/050358

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 6317832	B1	13-11-2001	US 6575372 B1 10-06-2003
			AU 7777298 A 08-12-1998
			DE 69807210 D1 19-09-2002
			DE 69807210 T2 24-04-2003
			EP 0976114 A2 02-02-2000
			WO 9852162 A2 19-11-1998
			HK 1022364 A1 02-05-2003
			JP 2002512715 T 23-04-2002
			US 2001056536 A1 27-12-2001
			AU 736325 B2 26-07-2001
			AU 6299698 A 09-09-1998
			CA 2281576 A1 27-08-1998
			DE 69823649 D1 09-06-2004
			EP 0963580 A1 15-12-1999
			WO 9837526 A1 27-08-1998
			JP 2001513231 T 28-08-2001
			US 2002050528 A1 02-05-2002
			AU 7776798 A 08-12-1998
			AU 7776898 A 08-12-1998
			AU 7777198 A 08-12-1998
			AU 7777498 A 08-12-1998
			DE 69813208 D1 15-05-2003
			DE 69813208 T2 05-02-2004
			EP 0981807 A2 01-03-2000
			EP 0985202 A1 15-03-2000
			EP 0981805 A1 01-03-2000
			WO 9852158 A2 19-11-1998
			WO 9852159 A2 19-11-1998
			WO 9852152 A2 19-11-1998
			WO 9852153 A2 19-11-1998
			JP 2001525956 T 11-12-2001
			JP 2001527674 T 25-12-2001
			JP 2001525958 T 11-12-2001
			US 6220510 B1 24-04-2001
			US 6164549 A 26-12-2000
			US 6328217 B1 11-12-2001
			AU 7776998 A 08-12-1998
			AU 7777098 A 08-12-1998
			AU 7777398 A 08-12-1998
			EP 0985203 A1 15-03-2000
			EP 0985204 A1 15-03-2000
			WO 9852160 A2 19-11-1998
			WO 9852161 A2 19-11-1998
			WO 9852163 A2 19-11-1998
			JP 2001525957 T 11-12-2001
			JP 2001527675 T 25-12-2001
			US 6230267 B1 08-05-2001
			US 6385723 B1 07-05-2002
			US 6488211 B1 03-12-2002
US 2002040438	A1	04-04-2002	NONE
EP 1004992	A	31-05-2000	EP 1004992 A2 31-05-2000
			AU 746459 B2 02-05-2002
			AU 6578698 A 20-10-1998
			CA 2288824 A1 01-10-1998
			EP 1021801 A1 26-07-2000
			US 6005942 A 21-12-1999

## INTERNATIONAL SEARCH REPORT

International Application No  
PCT/IB2004/050358

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
EP 1004992	A	US 6233683 B1 WO 9843212 A1	15-05-2001 01-10-1998
US 6385723	B1	07-05-2002	
		AU 7777098 A	08-12-1998
		EP 0985203 A1	15-03-2000
		WO 9852161 A2	19-11-1998
		JP 2001525957 T	11-12-2001
		AU 736325 B2	26-07-2001
		AU 6299698 A	09-09-1998
		AU 7776798 A	08-12-1998
		AU 7776898 A	08-12-1998
		AU 7776998 A	08-12-1998
		AU 7777198 A	08-12-1998
		AU 7777298 A	08-12-1998
		AU 7777398 A	08-12-1998
		AU 7777498 A	08-12-1998
		CA 2281576 A1	27-08-1998
		DE 69807210 D1	19-09-2002
		DE 69807210 T2	24-04-2003
		DE 69813208 D1	15-05-2003
		DE 69813208 T2	05-02-2004
		DE 69823649 D1	09-06-2004
		EP 0963580 A1	15-12-1999
		EP 0981807 A2	01-03-2000
		EP 0985202 A1	15-03-2000
		EP 0976114 A2	02-02-2000
		EP 0985204 A1	15-03-2000
		EP 0981805 A1	01-03-2000
		WO 9837526 A1	27-08-1998
		WO 9852158 A2	19-11-1998
		WO 9852159 A2	19-11-1998
		WO 9852160 A2	19-11-1998
		WO 9852152 A2	19-11-1998
		WO 9852162 A2	19-11-1998
		WO 9852163 A2	19-11-1998
		WO 9852153 A2	19-11-1998
		HK 1022364 A1	02-05-2003
		JP 2001513231 T	28-08-2001
		JP 2001525956 T	11-12-2001
		JP 2001527674 T	25-12-2001
		JP 2002512715 T	23-04-2002
		JP 2001527675 T	25-12-2001
		JP 2001525958 T	11-12-2001
		US 6575372 B1	10-06-2003
		US 2002050528 A1	02-05-2002
		US 6220510 B1	24-04-2001
		US 6230267 B1	08-05-2001
		US 6164549 A	26-12-2000
		US 6488211 B1	03-12-2002
		US 6317832 B1	13-11-2001
		US 6328217 B1	11-12-2001
		US 2003024980 A1	06-02-2003
US 2002089890	A1	11-07-2002	
		EP 1065598 A1	03-01-2001
		BR 0011915 A	19-03-2002
		CN 1357125 T	03-07-2002
		WO 0101258 A1	04-01-2001
		EP 1192548 A1	03-04-2002

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/IB2004/050358

Patent document cited in search report		Publication date	Patent family member(s)		Publication date
US 2002089890	A1		JP 2003522351	T	22-07-2003
EP 0935214	A	11-08-1999	DE 19804784	A1	12-08-1999
			EP 0935214	A2	11-08-1999
			JP 11272828	A	08-10-1999
			US 2002169943	A1	14-11-2002
			US 2003196054	A1	16-10-2003